

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant : THOMAS P. NOEL**  
**Serial No. :**  
**Filed : Concurrently herewith**  
**For : METHOD AND THERMALLY ACTIVE MULTI-PHASE  
HEAT TRANSFER APPARATUS AND METHOD FOR  
ABSTRACTING HEAT USING LIQUID BI-PHASE HEAT**

**BEST AVAILABLE COPY**

**DECLARATION VERIFYING SMALL ENTITY STATUS  
UNDER 27 C.F.R. 19(f) AND 1.27(b)**

**Commissioner for Patents  
PO Box 1450  
Alexandria, VA. 22313-1450**

**Dear Sir:**

**As a named inventor, I hereby state that I qualify as an independent inventor as defined in 37 C.F.R. 1.9 (c) for purposes of paying reduced fees under § 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the above-identified patent.**

**I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license any rights the invention to any person who could not be classified as an independent inventor under 27 C.F.R. 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a nonprofit organization under 37 C.F.R. 1.9 (e). Any person, concern or organization to which I have assigned, granted, conveyed or licensed or am under an obligation under contract or law to assign, grant, convey or license any rights in the invention is identified below:**

**I hereby certify that this correspondence is being  
deposited with the United States Postal Service as:  
EXPRESS MAIL NO. ER 507 289 651 US  
in an envelope addressed to:**

**COMMISSIONER FOR PATENTS, PO Box 1450,  
Alexandria, VA. 22313-1450 on: January 2, 2004**

**TOD R. NISSE 01/02/04  
Reg. No. 29,241 DATE**

1 I hereby claim the benefit under Title 35, United States Codes §120 of any United States application(s)  
2 listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior  
3 United States application in the manner provided by the first paragraph of Title 35, United States Code §112,  
4 I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations  
5 §156(a) which occurred between the filing date of the prior application and the national or PCT international  
6 filing of this application:

10/463,055	06/17/03	Pending
(Application Serial No)	(Filing Date)	(Status) (patented, pending, abandoned)

N/A		
(Application Serial No)	(Filing Date)	(Status) (patented, pending, abandoned)

10 I hereby claim the benefit under Title 35, United States Code §119 (e) of any United States provisional  
11 applications listed below, and insofar as the subject matter of each of the claims of this application is not  
12 disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title  
13 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code  
14 of Federal Regulations §156(a) which occurred between the filing date of the prior application and the national  
15 or PCT international filing of this application:

N/A		
(Provisional Application Serial No)	(Filing Date)	(Status - pending)

N/A		
(Provisional Application Serial No)	(Filing Date)	(Status - pending)

19 I hereby declare that all statements made herein of my own knowledge are true and that all statements  
20 made on information and belief are believed to be true; and further that these statements were made with the  
21 knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,  
22 under § 1001 of the United States Code and that such willful false statements may jeopardize the validity of the  
23 application or any patent issued thereon.  
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1           **And I hereby appoint:**

2                   **Tod R. Nissle, Esq. Reg. No. 29,241**  
3                   **TOD R. NISSLE, P.C.**  
4                   **P.O. Box 55630**  
                  **Phoenix, Arizona 85078**

5                   **Tel: (602)494-8700**  
6                   **Fax: (602)494-8707**  
7                   **Email: nissle@nissle.com**

8           **my attorney and will full power of substitution and revocation, to prosecute this application and to transact all**  
9           **business in the United States Patent and Trademark Office connected therewith.**

10           **Wherefor I pray that Letters Patent be granted to me for the invention or discover described and**  
11           **claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification**  
12           **and claims, declaration, power of attorney, this petition.**

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**Full Name:** N/A

**Address:** \_\_\_\_\_

☐ Individual                      ☐ Small Business                      ☐ Non profit Organization

**Full Name:** N/A

**Address:** \_\_\_\_\_

☐ Individual                      ☐ Small Business                      ☐ Non profit Organization

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I acknowledge the duty to file, in this patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 C.F.R. 1.28(b)]

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements or the like so made are punishable by fine or imprisonment, or both, under §1001 to Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

1 Name of Inventor: THOMAS P. NOEL  
2 Address: 500 East Greenwich Ave., Unit 129  
3 West Warwick, Rh de Island 02893  
4 Signature: \_\_\_\_\_  
5 Date: \_\_\_\_\_  
6  
7  
8 Name of Inventor: N/A  
9 Address: \_\_\_\_\_  
10 \_\_\_\_\_  
11 Signature: \_\_\_\_\_  
12 Date: \_\_\_\_\_  
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14 Attorney's Docket No.: 1044-P-4  
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21 TOD R. NISSLE, Reg. No. 29,241  
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REST AVAILABLE C

# DECLARATION, POWER OF ATTORNEY, AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD AND THERMALLY ACTIVE MULTI-PHASE HEAT TRANSFER APPARATUS AND METHOD FOR ABSTRACTING HEAT USING LIQUID BI-PHASE HEAT EXCHANGING COMPOSITION the specification of which:

(check one) XX is attached hereto. \_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §§ 119; 365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which the priority is claimed:

## Prior Foreign Application(s)

			Priority Claimed	
			Yes	No
<u>N/A</u>				
(Number)	(Country)	Day/month/year filed		
<u>N/A</u>				
(Number)	(Country)	Day/month/year filed		
<u>N/A</u>				
(Number)	(Country)	Day/month/year filed		

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TOD R. NISSLE 01/02/04  
TOD R. NISSLE, Reg. No. 29,241 DATE

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Full name of sole or first inventor: THOMAS P. NOEL

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 500 East Greenwich Ave., Unit 129, West Warwick, Rhode Island 02893

Citizenship: UNITED STATES OF AMERICA

Post Office Address: Same

Full name of second inventor: N/A

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: UNITED STATES OF AMERICA

Post Office Address: Same

(Supply similar information and signature for third and subsequent joint inventors)

Attorneys Docket No.: 1044-P-4